

## SPEED NEGOTIATION FOR SERIAL TRANSCEIVERS

### Abstract

An arrangement to enable automatic baud rate speed negotiation between transceivers having different operating speed characteristics is implemented. When an event indicative of a possible baud rate mismatch occurs, control signals are generated and used to trigger a baud rate negotiation procedure. In the baud rate negotiation procedure, a predetermined pattern is transmitted, the baud rate of the respective transmitting transceiver is decoded, and the decoded baud rate is used to select an appropriate filtering for the transceiver.